Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111122\
Data File : BN022591.D
Acq On : 10 Nov 2022 08:51
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Nov 10 23:10:33 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 10 23:09:20 2022
Response via : Initial Calibration

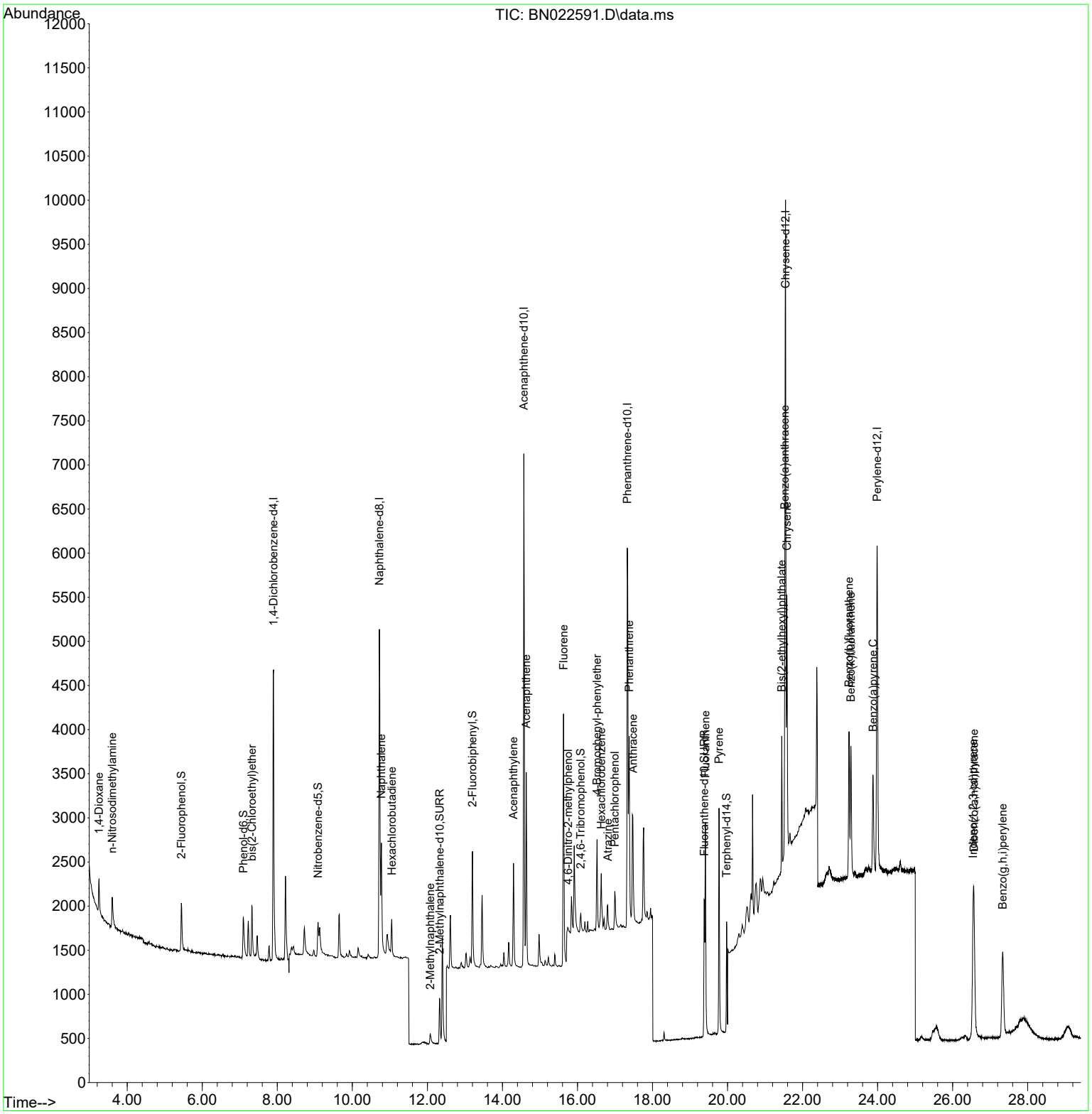
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.899	152	1856	0.400	ng		0.00
7) Naphthalene-d8	10.720	136	5779	0.400	ng		0.00
13) Acenaphthene-d10	14.571	164	3418	0.400	ng		0.00
19) Phenanthrene-d10	17.329	188	7178	0.400	ng		0.00
29) Chrysene-d12	21.546	240	6316	0.400	ng		0.00
35) Perylene-d12	23.987	264	5606	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.443	112	590	0.113	ng		0.00
5) Phenol-d6	7.097	99	678	0.103	ng		0.00
8) Nitrobenzene-d5	9.086	82	481	0.092	ng		0.01
11) 2-Methylnaphthalene-d10	12.327	152	922	0.095	ng		0.00
14) 2,4,6-Tribromophenol	16.088	330	153	0.085	ng		0.02
15) 2-Fluorobiphenyl	13.203	172	1380	0.097	ng		0.00
27) Fluoranthene-d10	19.382	212	1935	0.099	ng		0.00
31) Terphenyl-d14	19.976	244	2007	0.102	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.248	88	289	0.104	ng	#	92
3) n-Nitrosodimethylamine	3.602	42	259	0.089	ng	#	86
6) bis(2-Chloroethyl)ether	7.321	93	580	0.098	ng		98
9) Naphthalene	10.773	128	1738	0.099	ng	#	90
10) Hexachlorobutadiene	11.051	225	327	0.108	ng	#	98
12) 2-Methylnaphthalene	12.077	142	302	0.072	ng	#	20
16) Acenaphthylene	14.293	152	1436	0.083	ng		100
17) Acenaphthene	14.636	154	1063	0.095	ng		97
18) Fluorene	15.630	166	1469	0.094	ng		99
20) 4,6-Dinitro-2-methylph...	15.753	198	58	0.049	ng	#	47
21) 4-Bromophenyl-phenylether	16.522	248	406	0.092	ng	#	91
22) Hexachlorobenzene	16.634	284	503	0.099	ng		97
23) Atrazine	16.808	200	340	0.085	ng	#	87
24) Pentachlorophenol	16.994	266	305	0.159	ng		96
25) Phenanthrene	17.379	178	2308	0.096	ng		99
26) Anthracene	17.478	178	1833	0.087	ng		99
28) Fluoranthene	19.411	202	2440	0.094	ng		99
30) Pyrene	19.774	202	2521	0.092	ng		97
32) Benzo(a)anthracene	21.528	228	2270	0.089	ng		97
33) Chrysene	21.582	228	2486	0.099	ng		96
34) Bis(2-ethylhexyl)phtha...	21.447	149	1411	0.066	ng	#	97
36) Indeno(1,2,3-cd)pyrene	26.546	276	2574	0.095	ng		98
37) Benzo(b)fluoranthene	23.239	252	2254	0.102	ng	#	72
38) Benzo(k)fluoranthene	23.289	252	2186	0.097	ng	#	67
39) Benzo(a)pyrene	23.879	252	1817	0.096	ng	#	63
40) Dibenzo(a,h)anthracene	26.569	278	2081	0.097	ng	#	77
41) Benzo(g,h,i)perylene	27.329	276	2281	0.100	ng	#	89

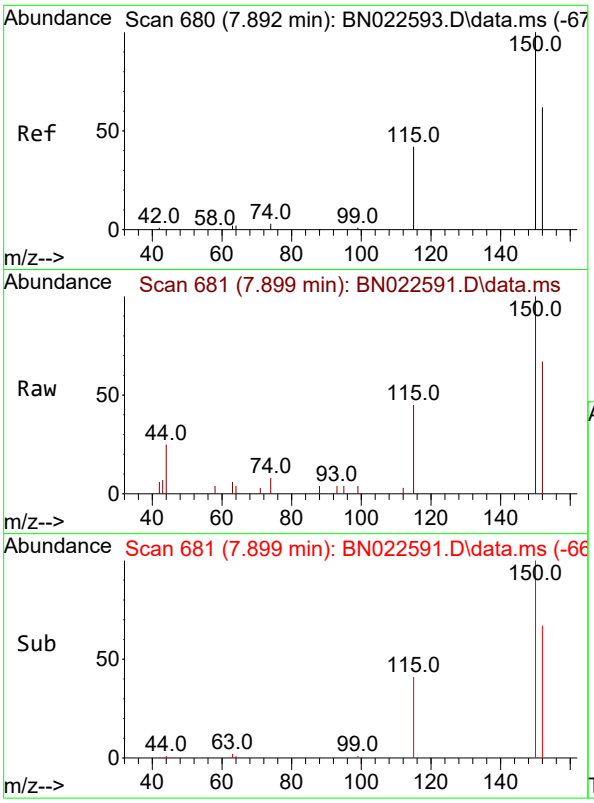
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111122\
Data File : BN022591.D
Acq On : 10 Nov 2022 08:51
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Nov 10 23:10:33 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 10 23:09:20 2022
Response via : Initial Calibration



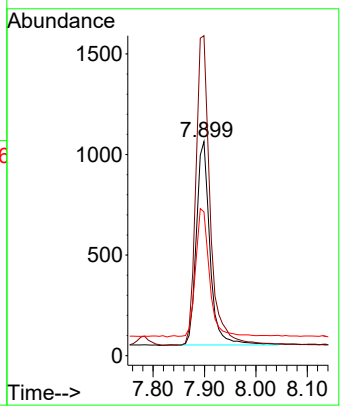


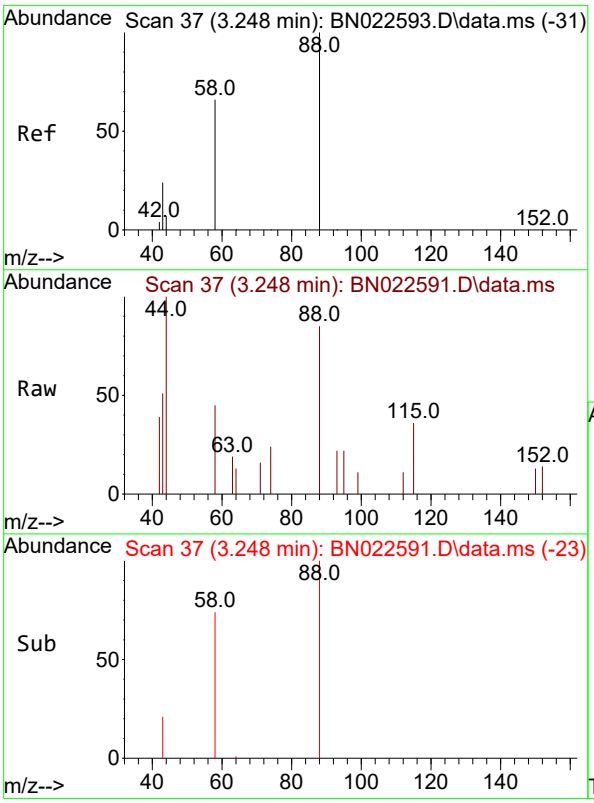
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.899 min Scan# 6
Delta R.T. 0.007 min
Lab File: BN022591.D
Acq: 10 Nov 2022 08:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 1856

Ion	Ratio	Lower	Upper
152	100		
150	149.5	126.4	189.6
115	67.2	57.8	86.6

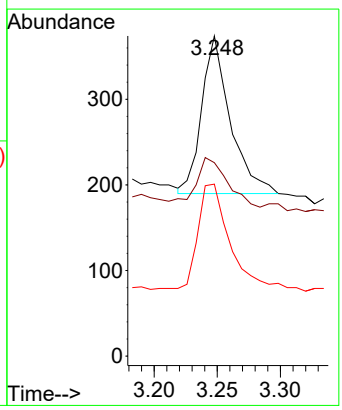


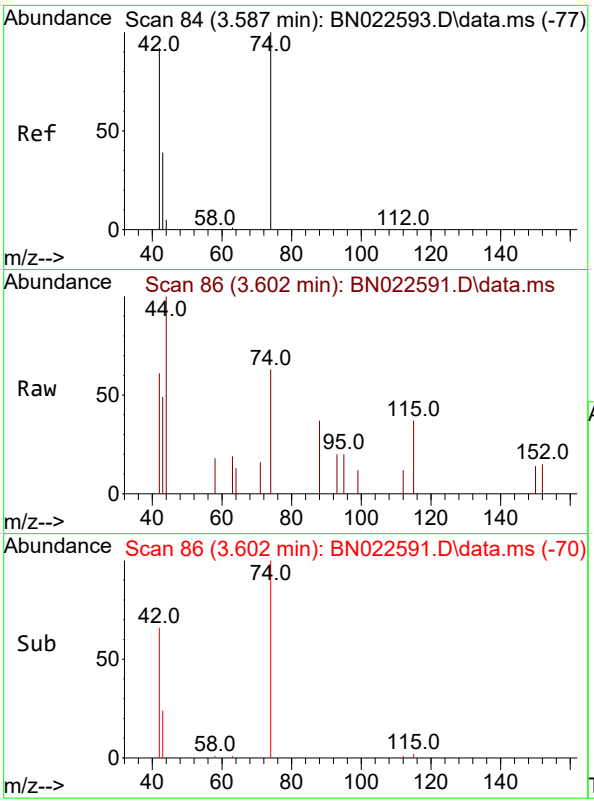


#2
1,4-Dioxane
Concen: 0.104 ng
RT: 3.248 min Scan# 37
Delta R.T. -0.000 min
Lab File: BN022591.D
Acq: 10 Nov 2022 08:51

Tgt Ion: 88 Resp: 289

Ion	Ratio	Lower	Upper
88	100		
43	34.6	22.0	33.0#
58	70.9	60.5	90.7



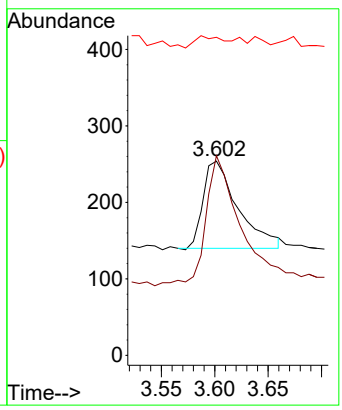


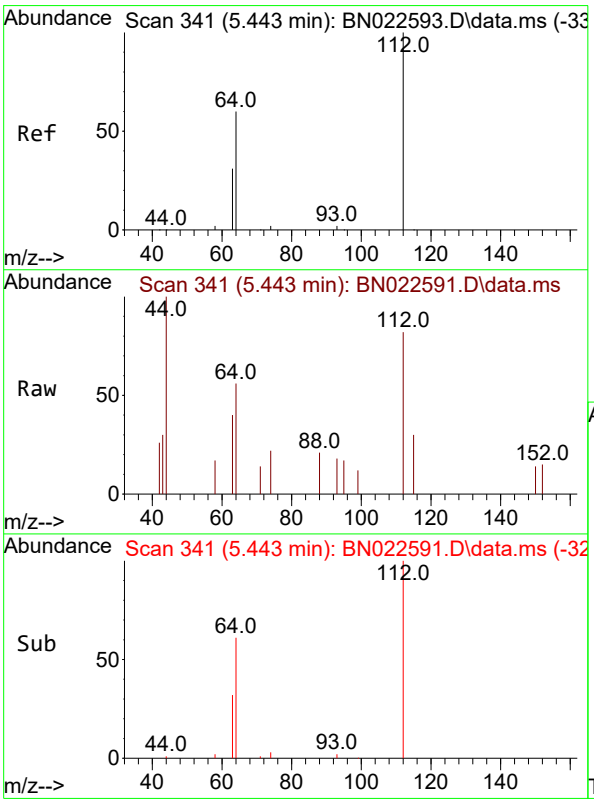
#3
n-Nitrosodimethylamine
Concen: 0.089 ng
RT: 3.602 min Scan# 8
Delta R.T. 0.014 min
Lab File: BN022591.D
Acq: 10 Nov 2022 08:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 259

Ion	Ratio	Lower	Upper
42	100		
74	147.9	104.5	156.7
44	11.2	7.4	11.2#

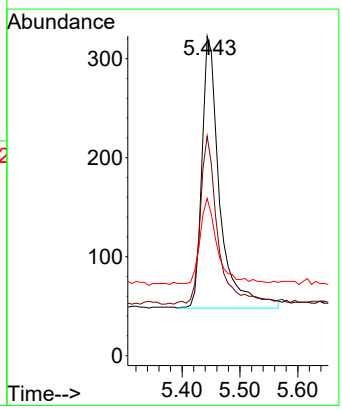


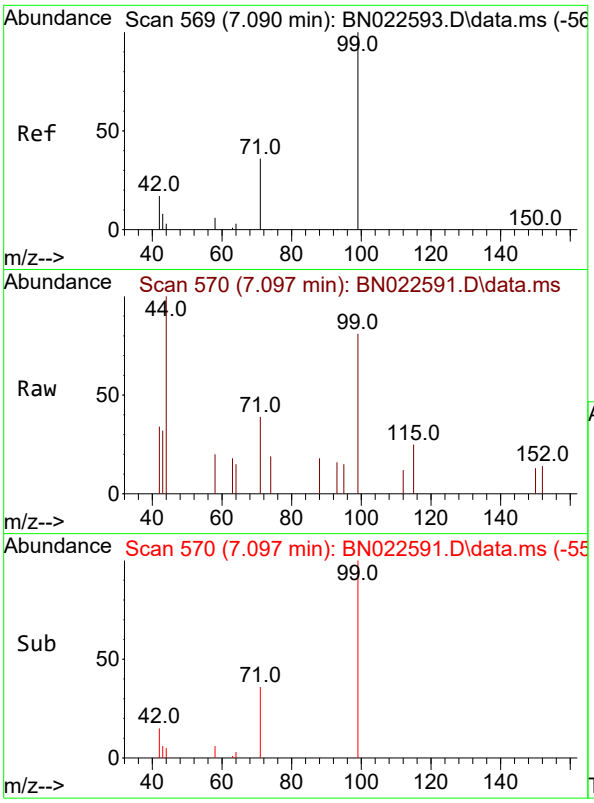


#4
2-Fluorophenol
Concen: 0.113 ng
RT: 5.443 min Scan# 341
Delta R.T. -0.000 min
Lab File: BN022591.D
Acq: 10 Nov 2022 08:51

Tgt Ion:112 Resp: 590

Ion	Ratio	Lower	Upper
112	100		
64	61.2	48.6	73.0
63	29.8	25.5	38.3



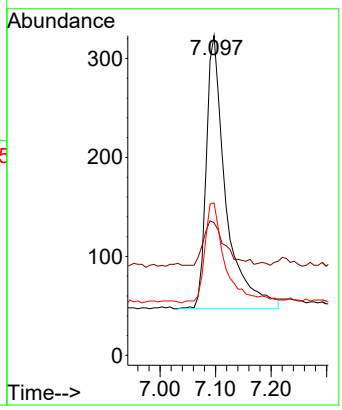


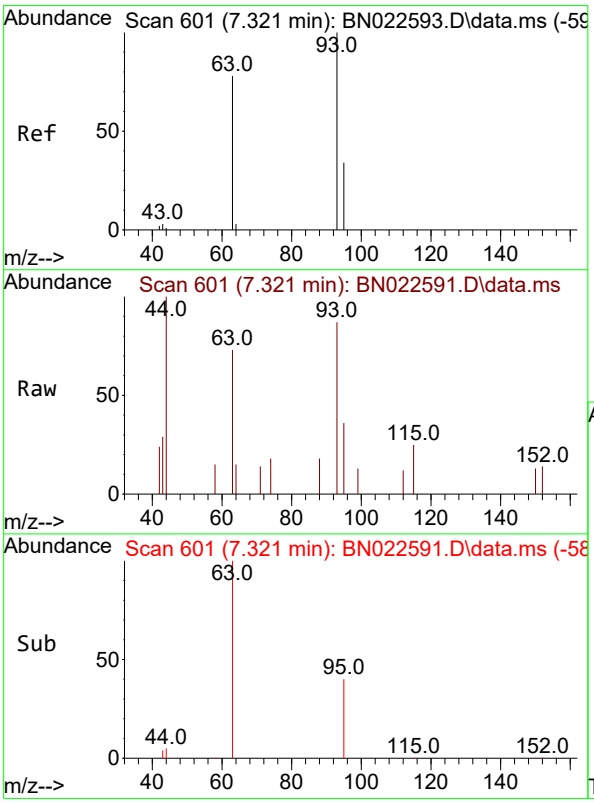
#5
Phenol-d6
Concen: 0.103 ng
RT: 7.097 min Scan# 5
Delta R.T. 0.007 min
Lab File: BN022591.D
Acq: 10 Nov 2022 08:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 678

Ion	Ratio	Lower	Upper
99	100		
42	17.6	16.0	24.0
71	38.3	30.1	45.1

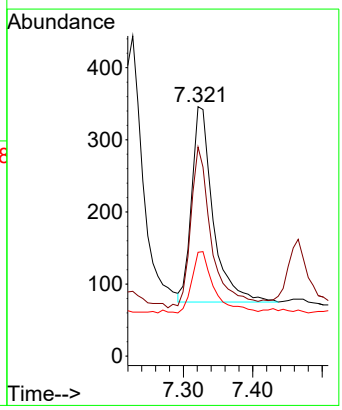


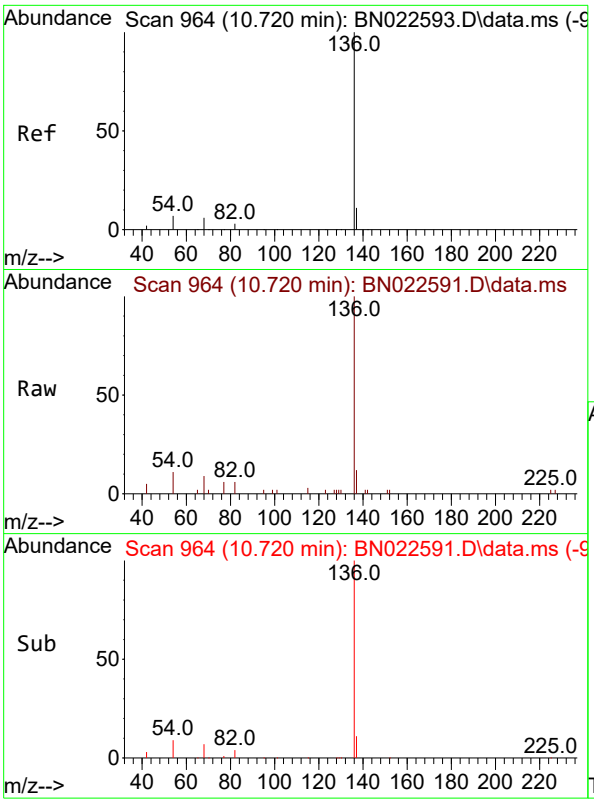


#6
bis(2-Chloroethyl)ether
Concen: 0.098 ng
RT: 7.321 min Scan# 601
Delta R.T. -0.000 min
Lab File: BN022591.D
Acq: 10 Nov 2022 08:51

Tgt Ion: 93 Resp: 580

Ion	Ratio	Lower	Upper
93	100		
63	80.5	63.4	95.0
95	32.2	27.2	40.8



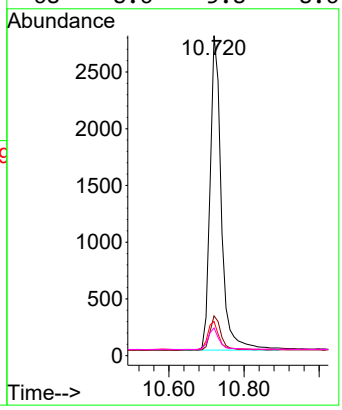


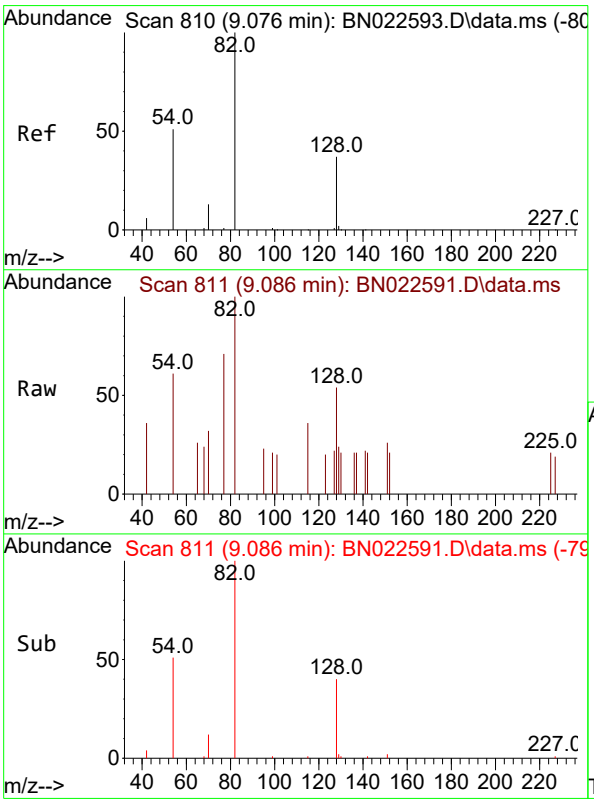
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.720 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN022591.D
Acq: 10 Nov 2022 08:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 5779

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.4	14.2
54	10.7	7.1	10.7
68	8.6	5.8	8.6

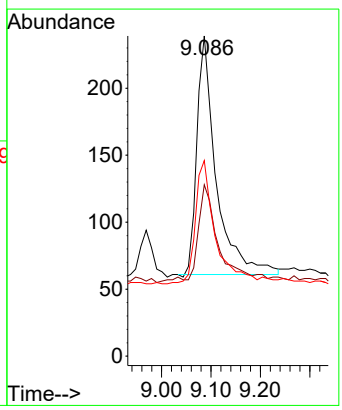


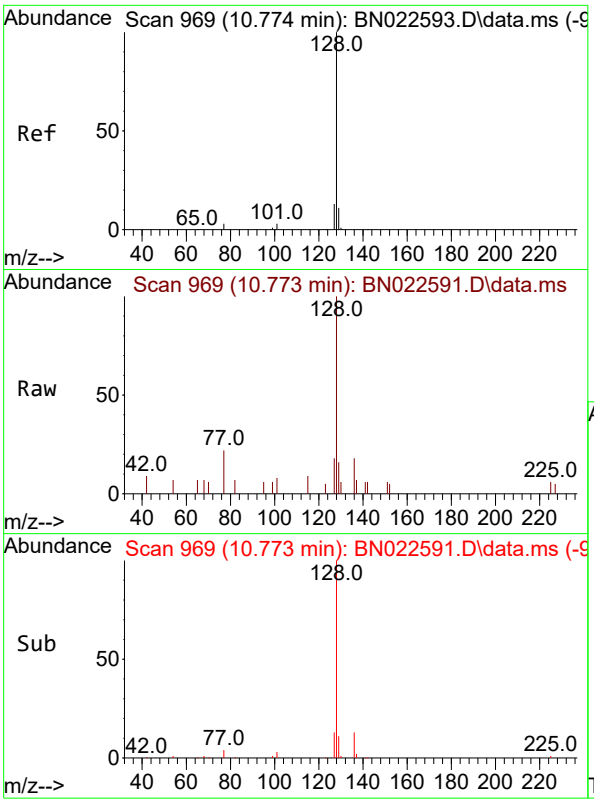


#8
Nitrobenzene-d5
Concen: 0.092 ng
RT: 9.086 min Scan# 811
Delta R.T. 0.011 min
Lab File: BN022591.D
Acq: 10 Nov 2022 08:51

Tgt Ion: 82 Resp: 481

Ion	Ratio	Lower	Upper
82	100		
128	53.6	32.0	48.0#
54	61.1	42.3	63.5



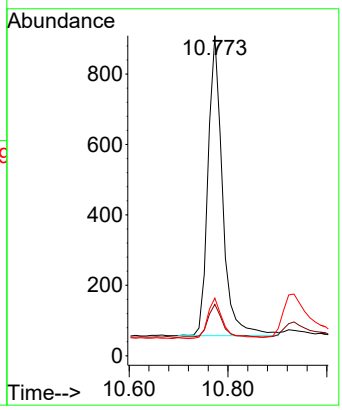


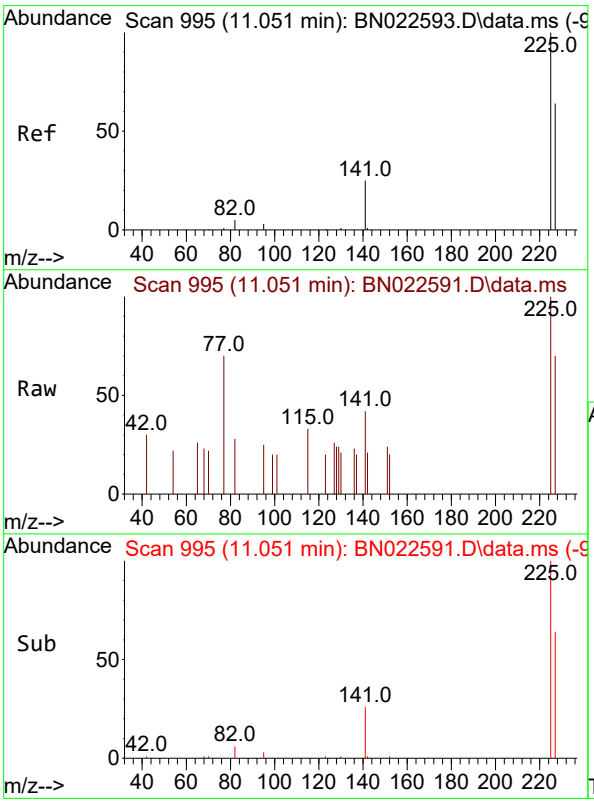
#9
Naphthalene
Concen: 0.099 ng
RT: 10.773 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN022591.D
Acq: 10 Nov 2022 08:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 1738

Ion	Ratio	Lower	Upper
128	100		
129	16.1	9.5	14.3#
127	18.0	11.2	16.8#

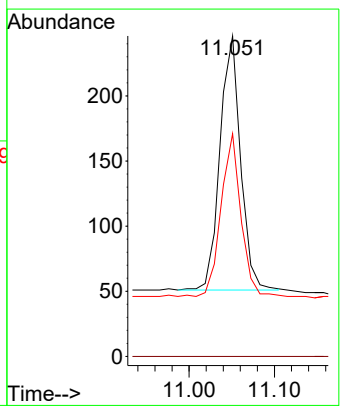


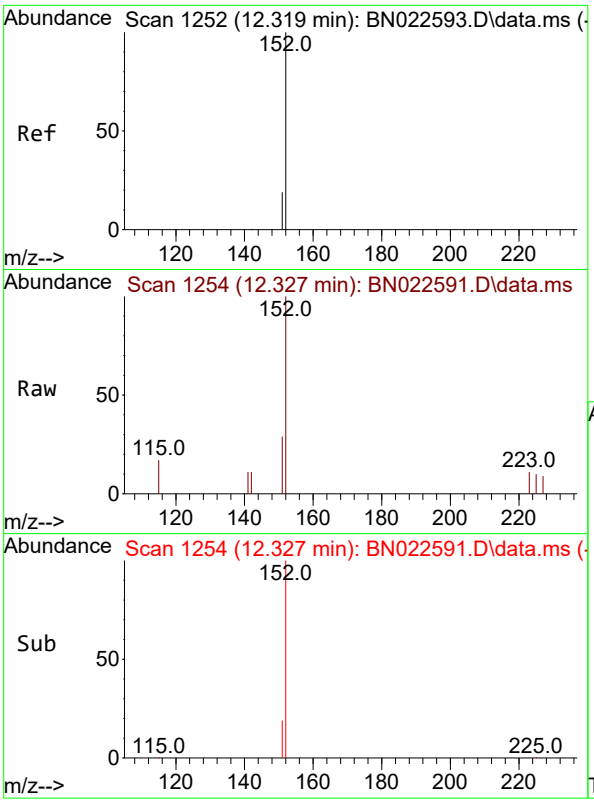


#10
Hexachlorobutadiene
Concen: 0.108 ng
RT: 11.051 min Scan# 995
Delta R.T. -0.000 min
Lab File: BN022591.D
Acq: 10 Nov 2022 08:51

Tgt Ion:225 Resp: 327

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	61.8	50.8	76.2



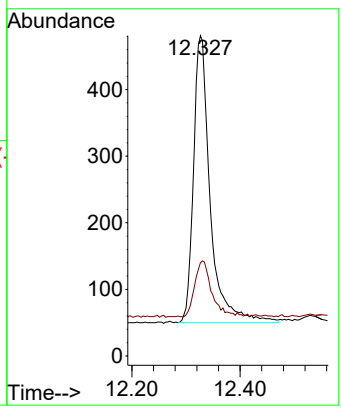


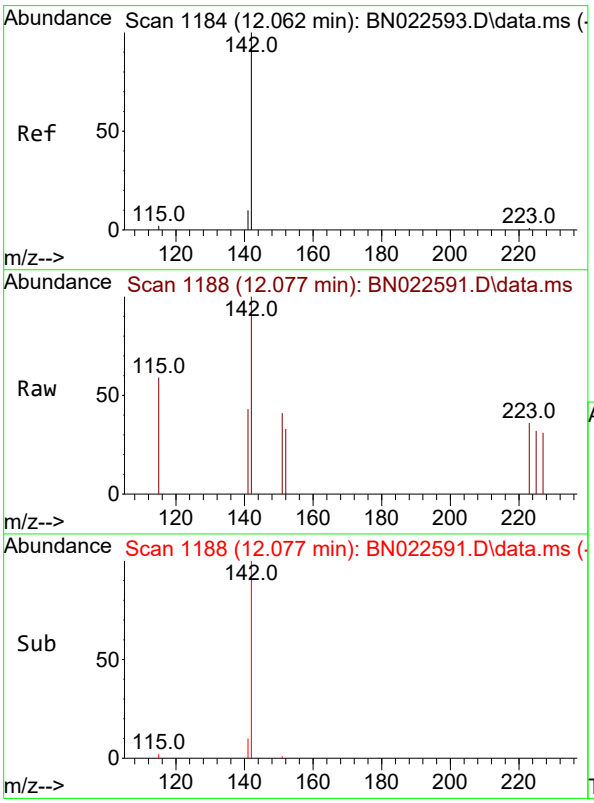
#11
2-Methylnaphthalene-d10
Concen: 0.095 ng
RT: 12.327 min Scan# 1
Delta R.T. 0.007 min
Lab File: BN022591.D
Acq: 10 Nov 2022 08:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 922

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.3	24.5

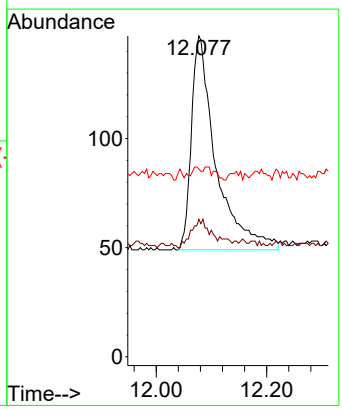


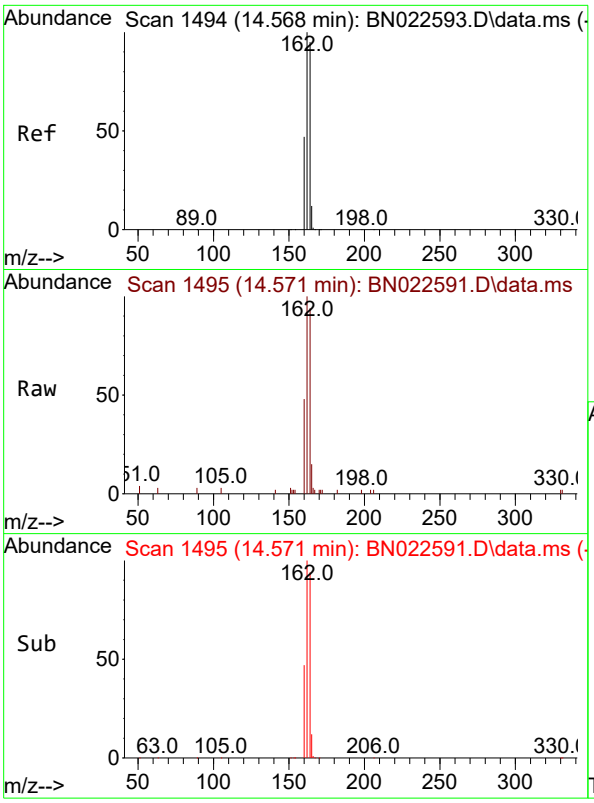


#12
2-Methylnaphthalene
Concen: 0.072 ng
RT: 12.077 min Scan# 1188
Delta R.T. 0.015 min
Lab File: BN022591.D
Acq: 10 Nov 2022 08:51

Tgt Ion:142 Resp: 302

Ion	Ratio	Lower	Upper
142	100		
141	42.9	14.0	21.0#
115	58.5	11.4	17.2#



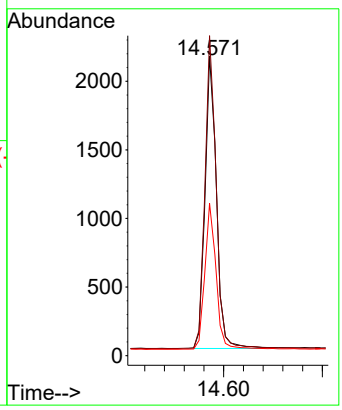


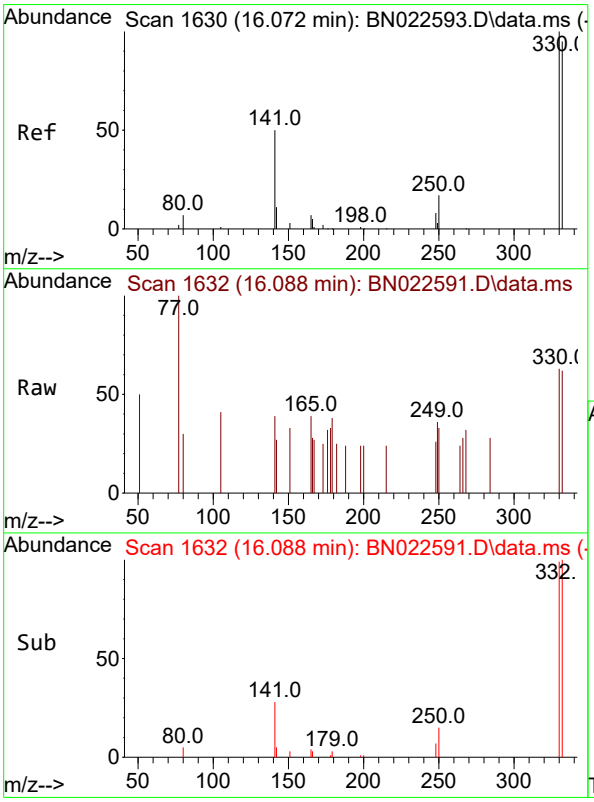
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.571 min Scan# 14
Delta R.T. 0.004 min
Lab File: BN022591.D
Acq: 10 Nov 2022 08:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:164 Resp: 3418

Ion	Ratio	Lower	Upper
164	100		
162	106.8	84.3	126.5
160	50.8	40.6	60.8

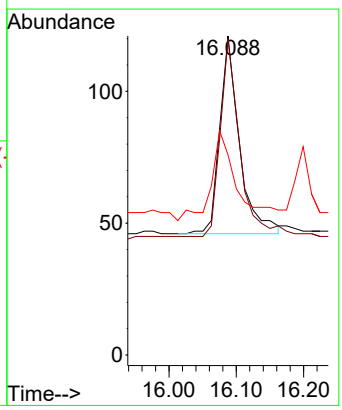


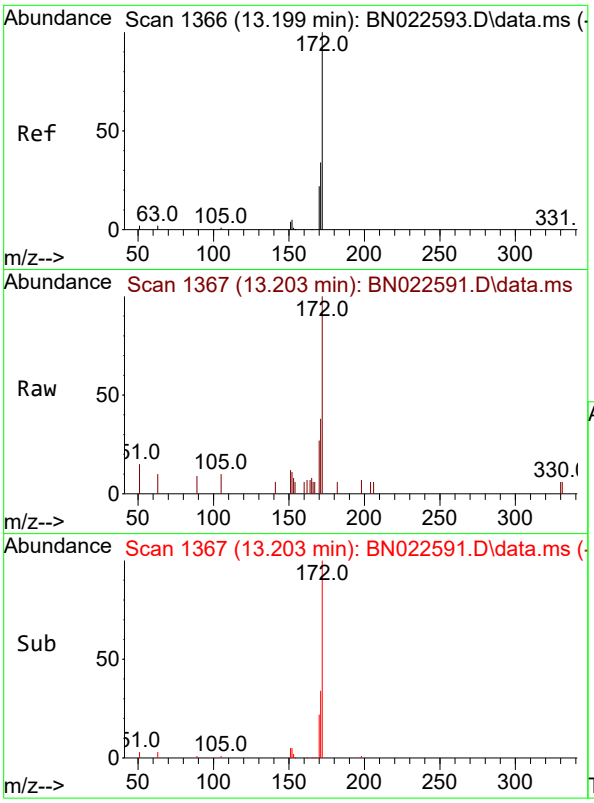


#14
2,4,6-Tribromophenol
Concen: 0.085 ng
RT: 16.088 min Scan# 1632
Delta R.T. 0.016 min
Lab File: BN022591.D
Acq: 10 Nov 2022 08:51

Tgt Ion:330 Resp: 153

Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.5	116.3
141	58.2	33.3	49.9#



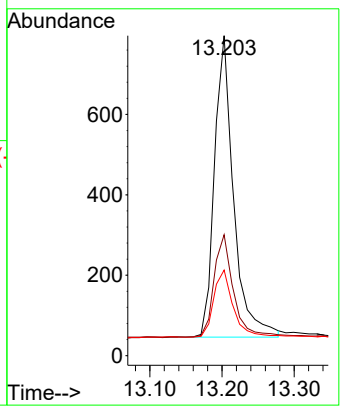


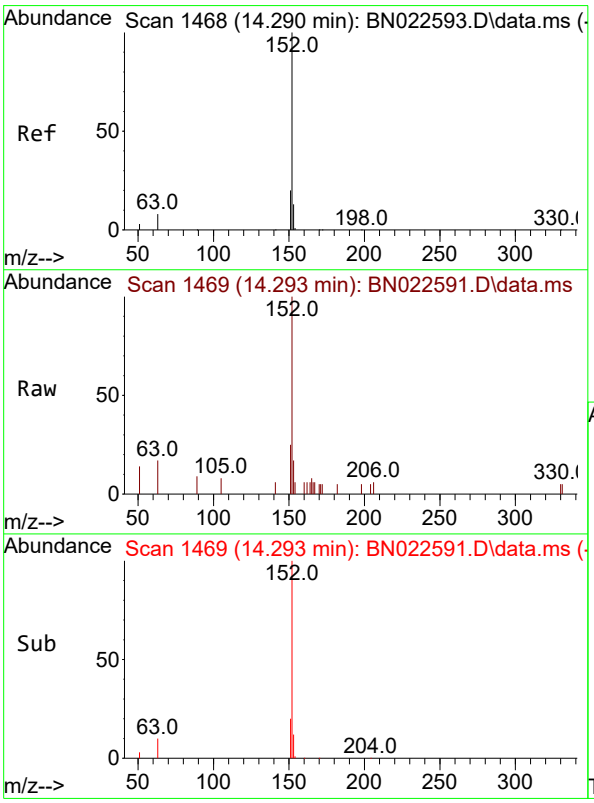
#15
2-Fluorobiphenyl
Concen: 0.097 ng
RT: 13.203 min Scan# 1
Delta R.T. 0.004 min
Lab File: BN022591.D
Acq: 10 Nov 2022 08:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 1380

Ion	Ratio	Lower	Upper
172	100		
171	37.8	28.0	42.0
170	26.8	18.6	28.0

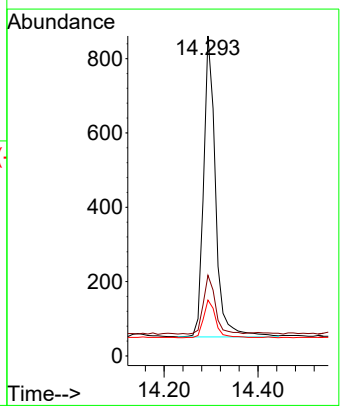


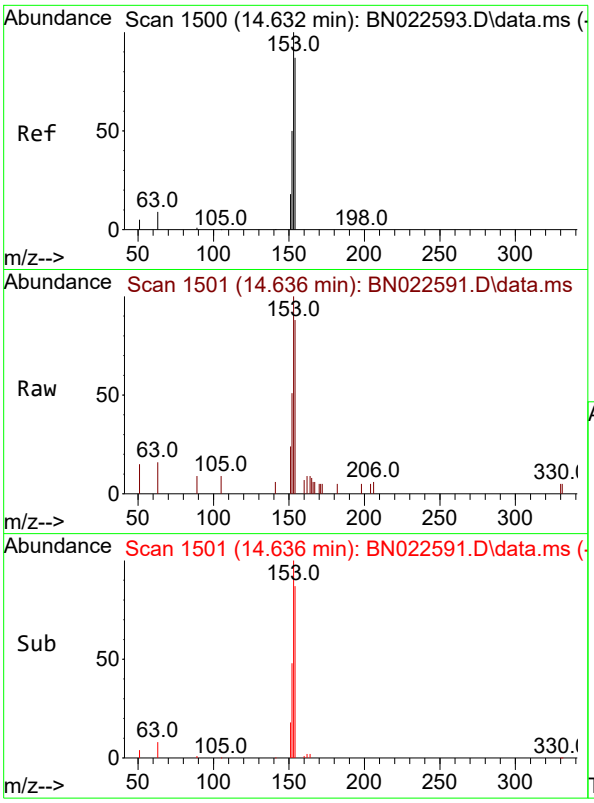


#16
Acenaphthylene
Concen: 0.083 ng
RT: 14.293 min Scan# 1469
Delta R.T. 0.004 min
Lab File: BN022591.D
Acq: 10 Nov 2022 08:51

Tgt Ion:152 Resp: 1436

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.8
153	12.7	10.2	15.4



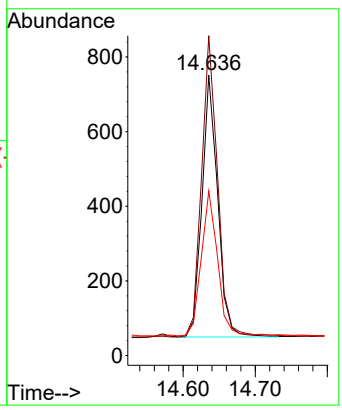


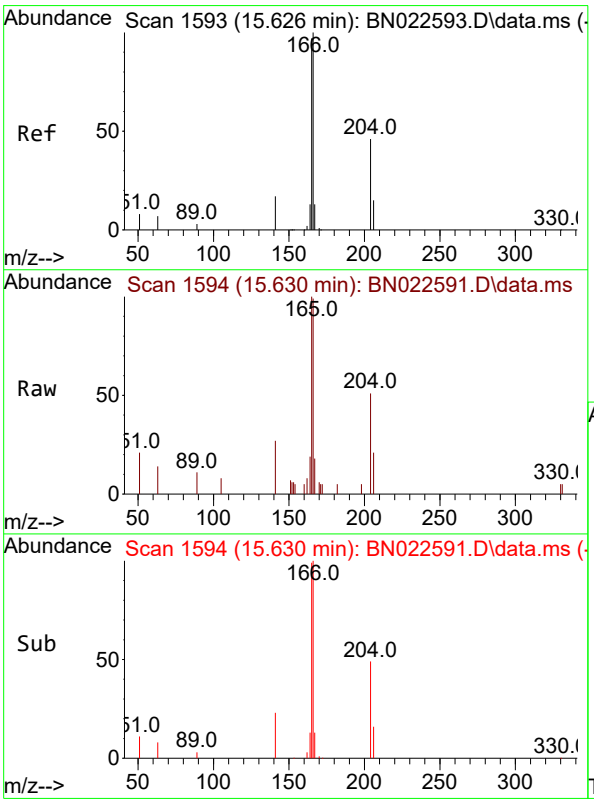
#17
Acenaphthene
Concen: 0.095 ng
RT: 14.636 min Scan# 1
Delta R.T. 0.004 min
Lab File: BN022591.D
Acq: 10 Nov 2022 08:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:154 Resp: 1063

Ion	Ratio	Lower	Upper
154	100		
153	118.3	92.2	138.2
152	58.1	45.4	68.0

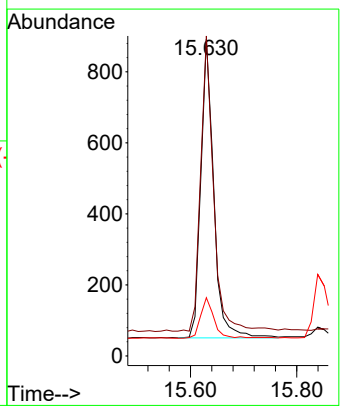


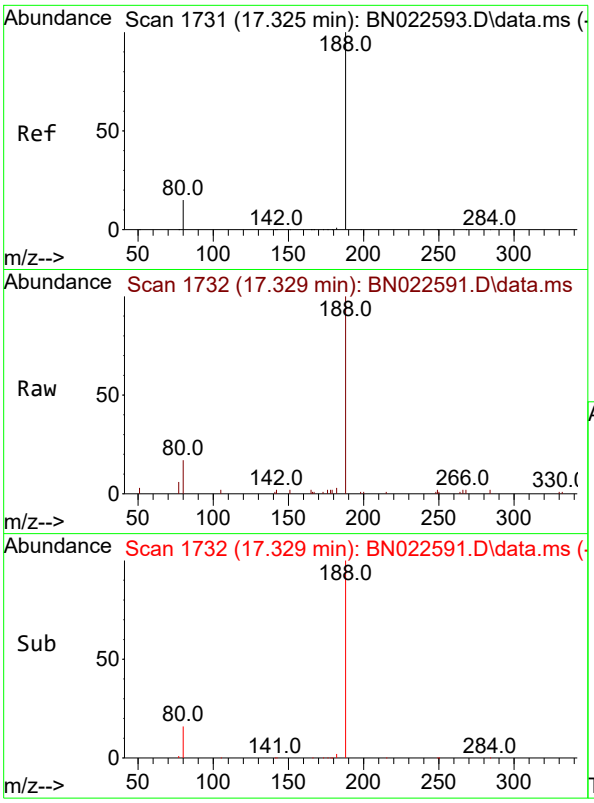


#18
Fluorene
Concen: 0.094 ng
RT: 15.630 min Scan# 1594
Delta R.T. 0.004 min
Lab File: BN022591.D
Acq: 10 Nov 2022 08:51

Tgt Ion:166 Resp: 1469

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.6	117.8
167	14.4	10.2	15.4



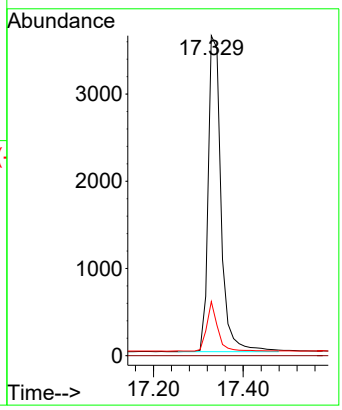


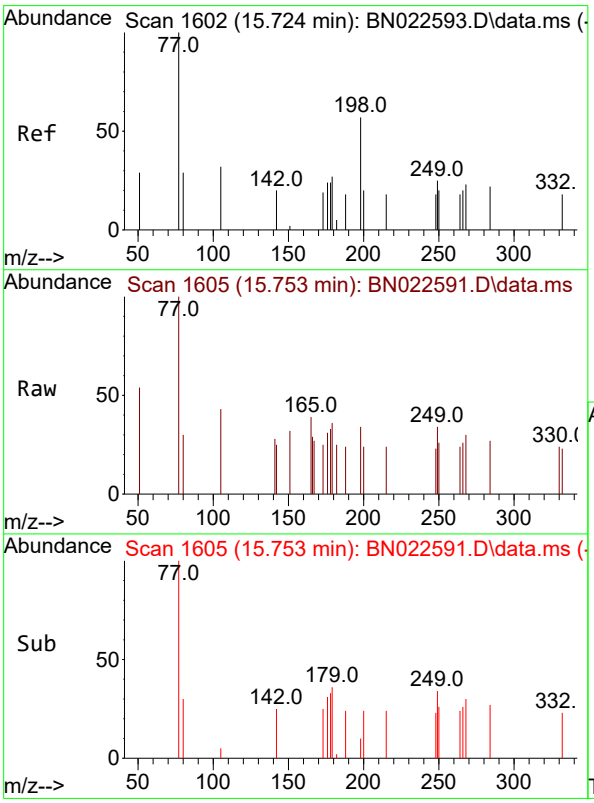
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.329 min Scan# 1
Delta R.T. 0.004 min
Lab File: BN022591.D
Acq: 10 Nov 2022 08:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 7178

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	16.9	13.1	19.7

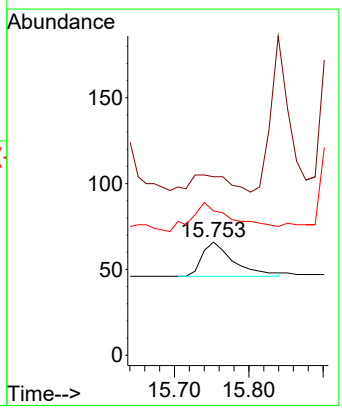


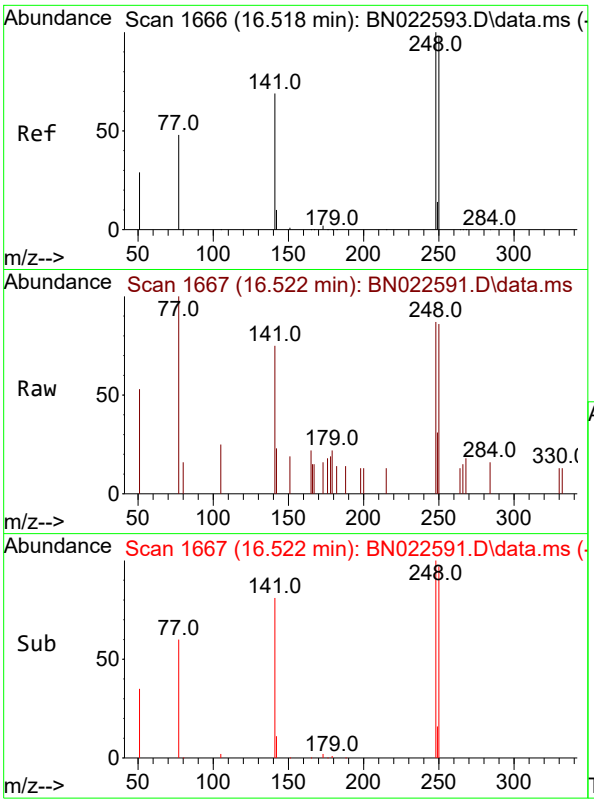


#20
4,6-Dinitro-2-methylphenol
Concen: 0.049 ng
RT: 15.753 min Scan# 1605
Delta R.T. 0.028 min
Lab File: BN022591.D
Acq: 10 Nov 2022 08:51

Tgt Ion:198 Resp: 58

Ion	Ratio	Lower	Upper
198	100		
51	157.6	78.7	118.1#
105	127.3	68.5	102.7#



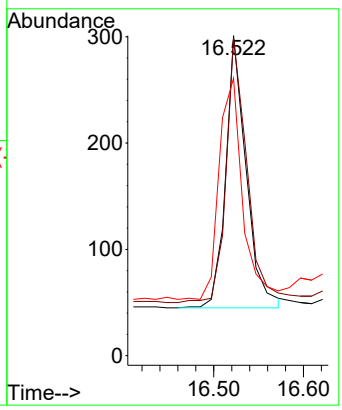


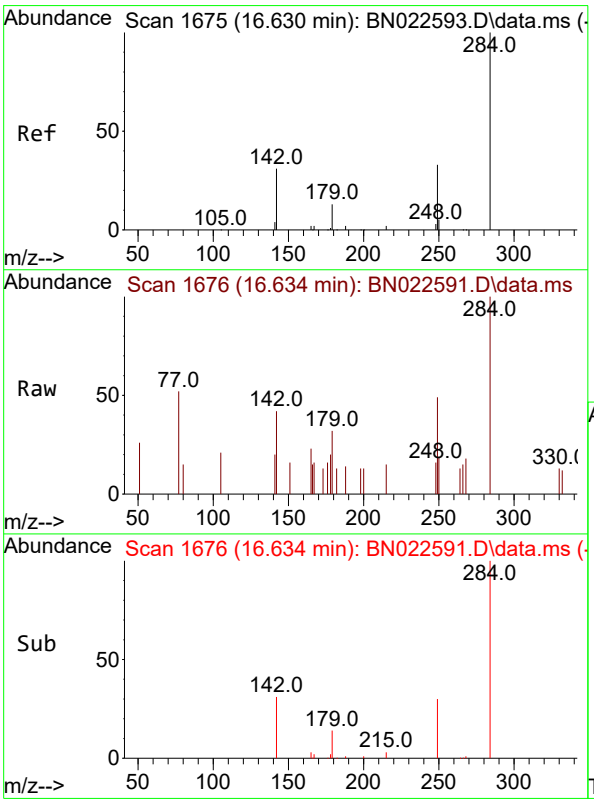
#21
4-Bromophenyl-phenylether
Concen: 0.092 ng
RT: 16.522 min Scan# 1
Delta R.T. 0.004 min
Lab File: BN022591.D
Acq: 10 Nov 2022 08:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:248 Resp: 406

Ion	Ratio	Lower	Upper
248	100		
250	99.3	78.5	117.7
141	86.7	57.0	85.4#

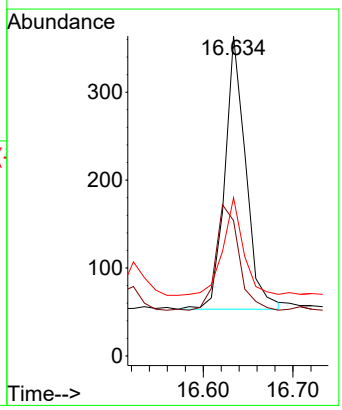


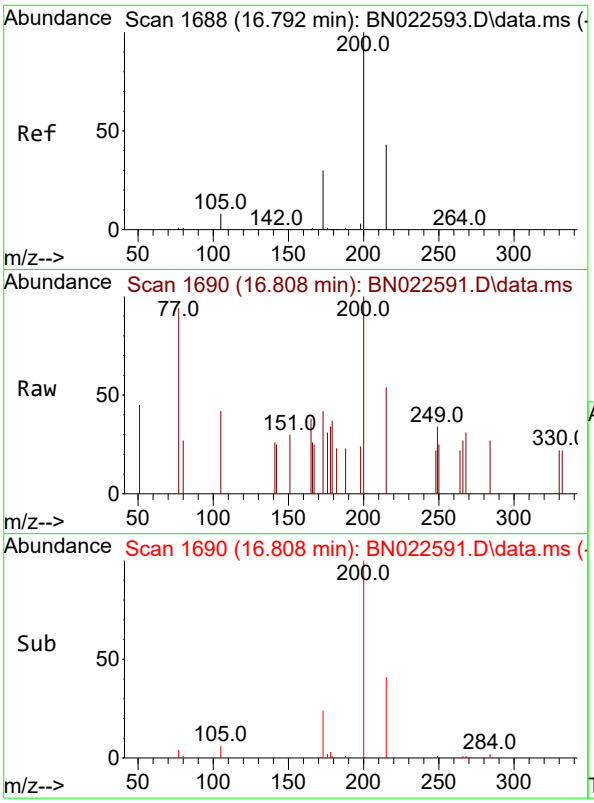


#22
Hexachlorobenzene
Concen: 0.099 ng
RT: 16.634 min Scan# 1676
Delta R.T. 0.004 min
Lab File: BN022591.D
Acq: 10 Nov 2022 08:51

Tgt Ion:284 Resp: 503

Ion	Ratio	Lower	Upper
284	100		
142	42.7	35.7	53.5
249	35.0	27.0	40.4



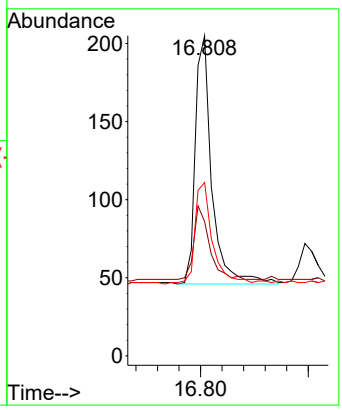


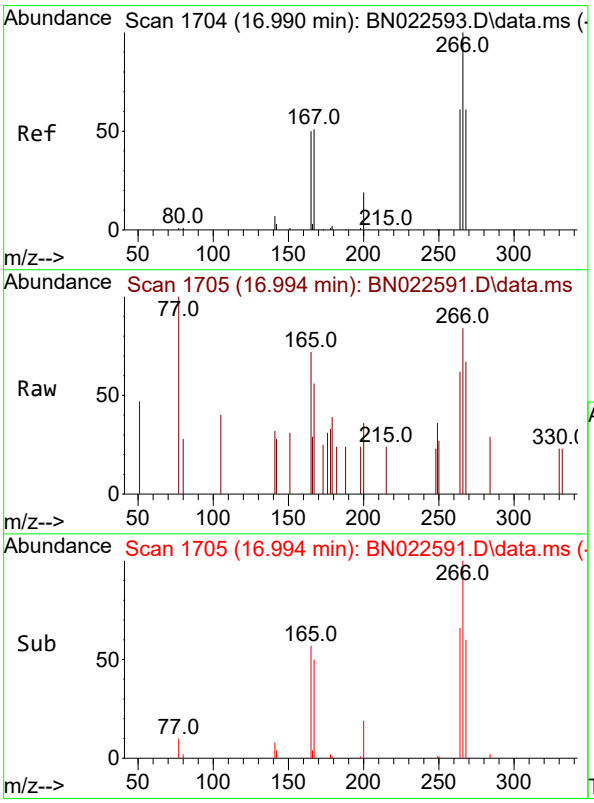
#23
Atrazine
Concen: 0.085 ng
RT: 16.808 min Scan# 1
Delta R.T. 0.016 min
Lab File: BN022591.D
Acq: 10 Nov 2022 08:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:200 Resp: 340

Ion	Ratio	Lower	Upper
200	100		
173	42.0	27.4	41.2#
215	54.1	36.9	55.3

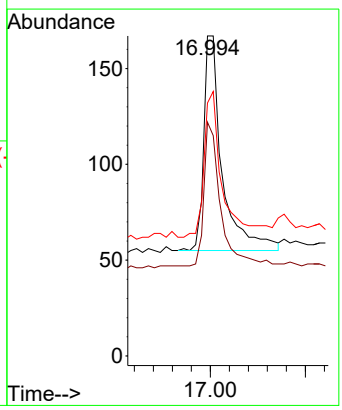


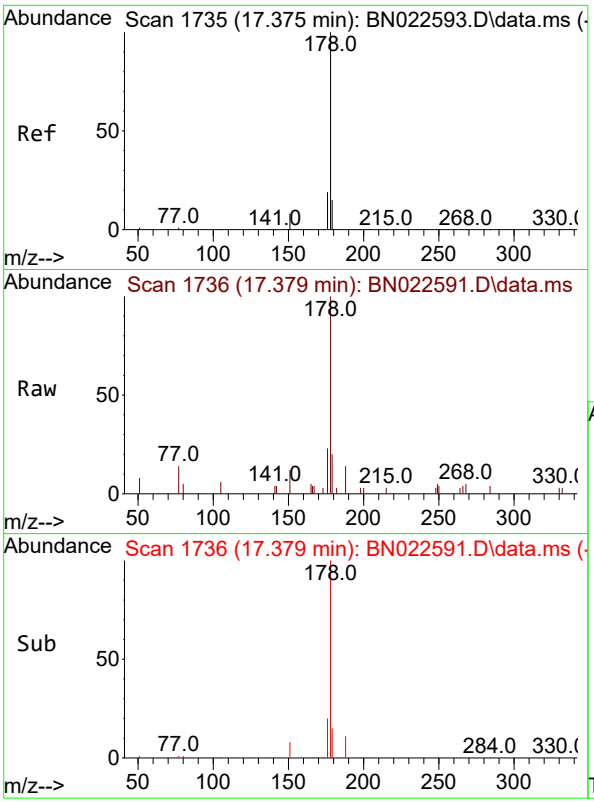


#24
Pentachlorophenol
Concen: 0.159 ng
RT: 16.994 min Scan# 1705
Delta R.T. 0.004 min
Lab File: BN022591.D
Acq: 10 Nov 2022 08:51

Tgt Ion:266 Resp: 305

Ion	Ratio	Lower	Upper
266	100		
264	59.7	47.3	70.9
268	65.6	48.0	72.0



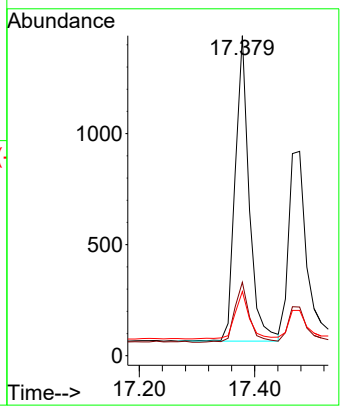


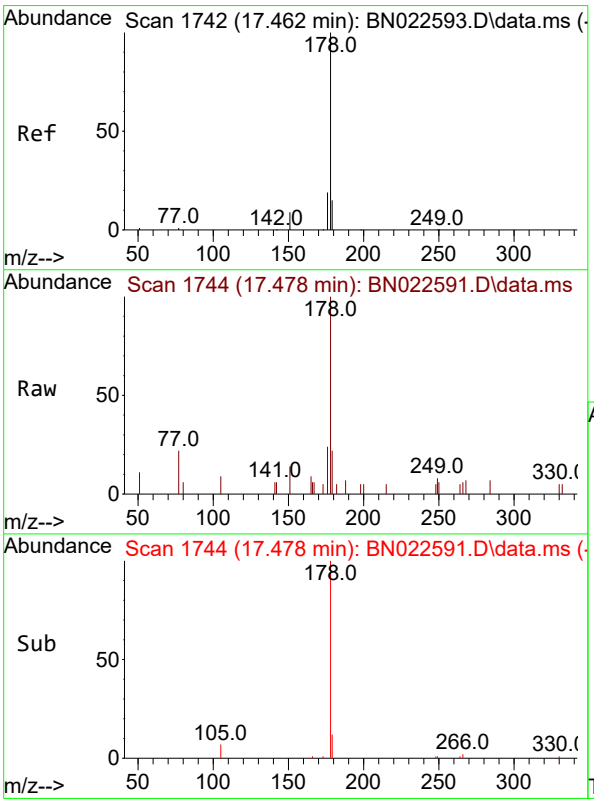
#25
Phenanthrene
Concen: 0.096 ng
RT: 17.379 min Scan# 1
Delta R.T. 0.004 min
Lab File: BN022591.D
Acq: 10 Nov 2022 08:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 2308

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.7	23.5
179	15.7	12.4	18.6

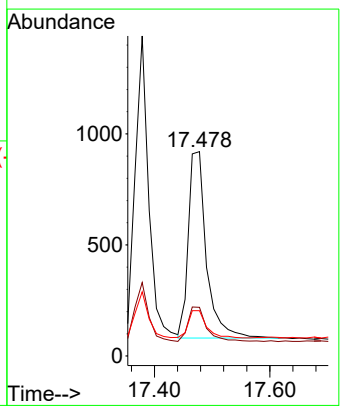


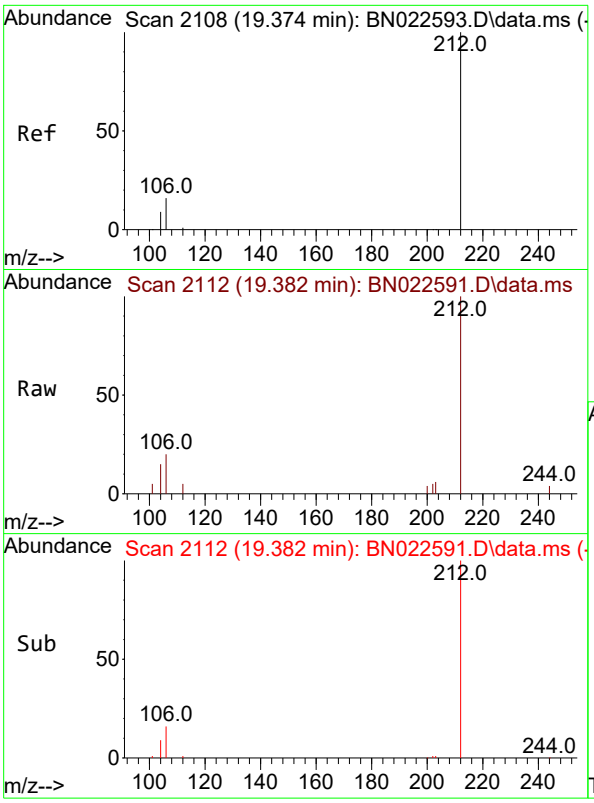


#26
Anthracene
Concen: 0.087 ng
RT: 17.478 min Scan# 1744
Delta R.T. 0.016 min
Lab File: BN022591.D
Acq: 10 Nov 2022 08:51

Tgt Ion:178 Resp: 1833

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	14.3	12.2	18.2



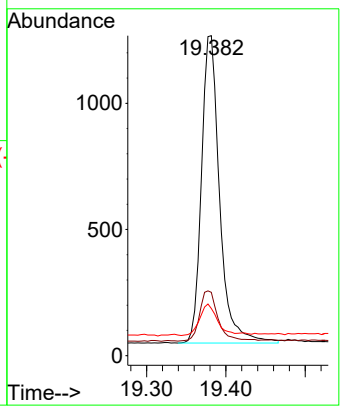


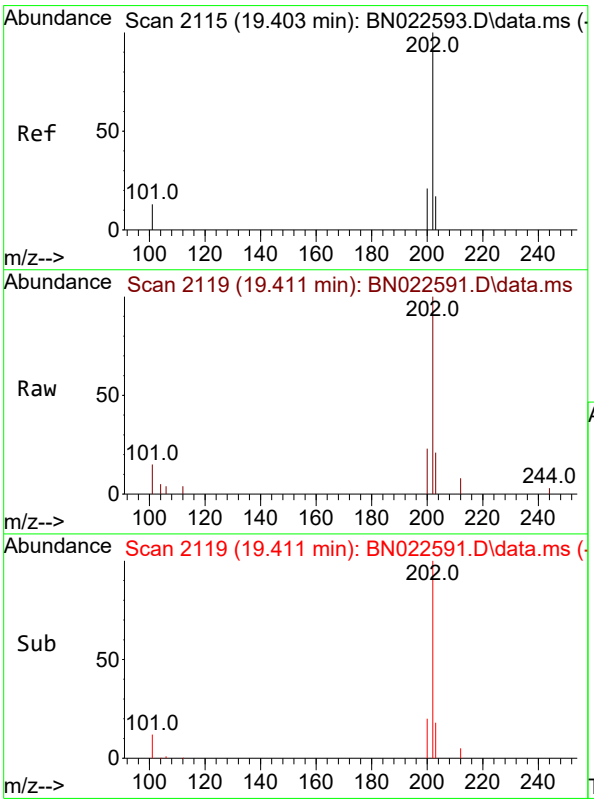
#27
Fluoranthene-d10
Concen: 0.099 ng
RT: 19.382 min Scan# 21
Delta R.T. 0.008 min
Lab File: BN022591.D
Acq: 10 Nov 2022 08:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:212 Resp: 1935

Ion	Ratio	Lower	Upper
212	100		
106	16.5	13.0	19.6
104	9.9	7.4	11.2

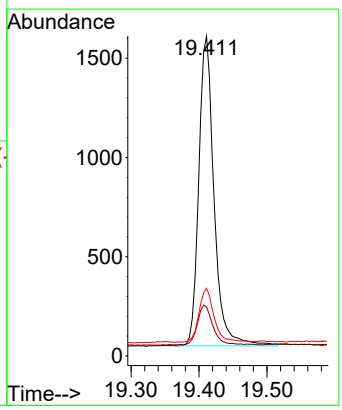


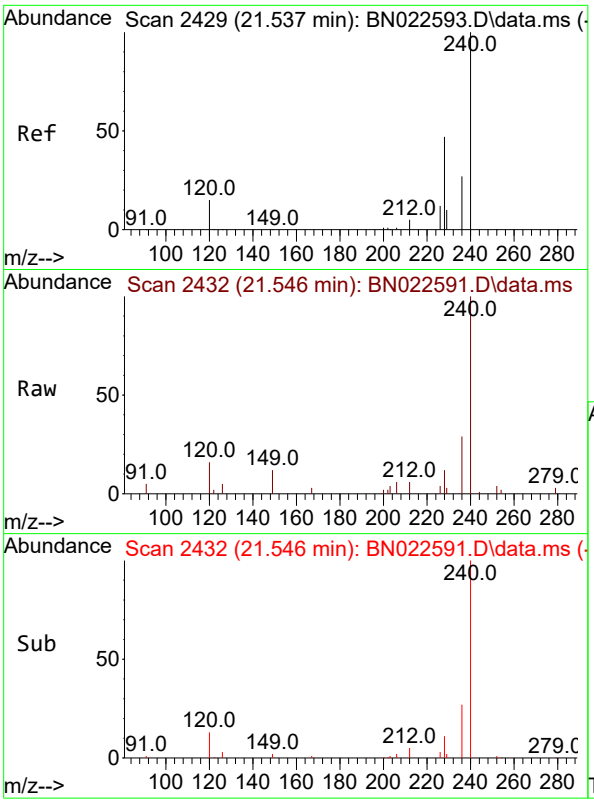


#28
Fluoranthene
Concen: 0.094 ng
RT: 19.411 min Scan# 2119
Delta R.T. 0.008 min
Lab File: BN022591.D
Acq: 10 Nov 2022 08:51

Tgt Ion:202 Resp: 2440

Ion	Ratio	Lower	Upper
202	100		
101	12.8	10.5	15.7
203	17.5	13.5	20.3



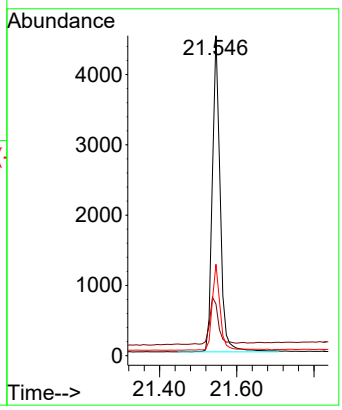


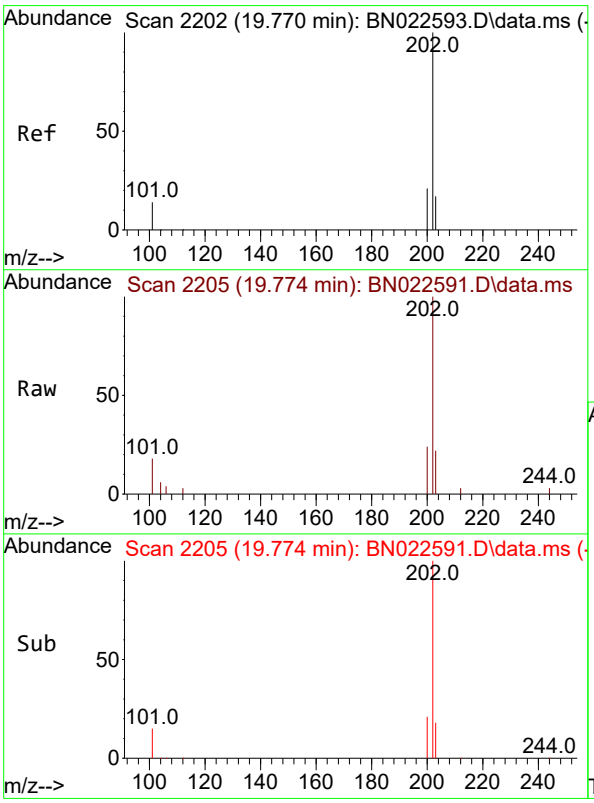
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.546 min Scan# 24
Delta R.T. 0.009 min
Lab File: BN022591.D
Acq: 10 Nov 2022 08:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 6316

Ion	Ratio	Lower	Upper
240	100		
120	16.1	15.0	22.4
236	28.6	23.1	34.7

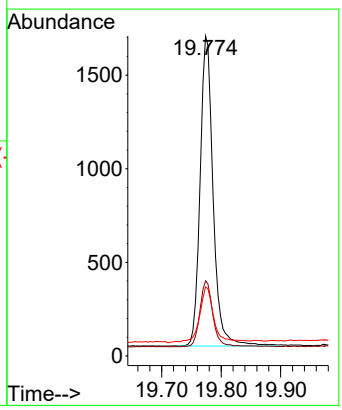


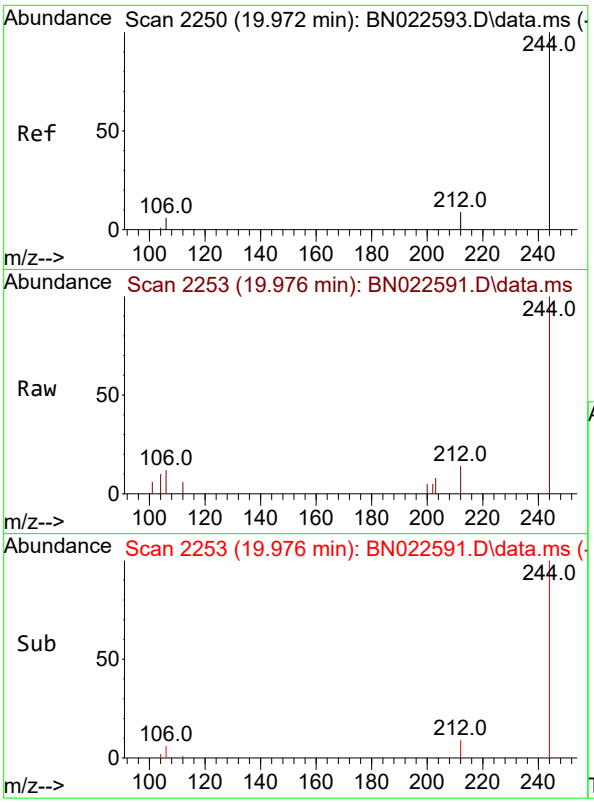


#30
Pyrene
Concen: 0.092 ng
RT: 19.774 min Scan# 2205
Delta R.T. 0.004 min
Lab File: BN022591.D
Acq: 10 Nov 2022 08:51

Tgt Ion:202 Resp: 2521

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.8	25.2
203	20.4	14.2	21.2



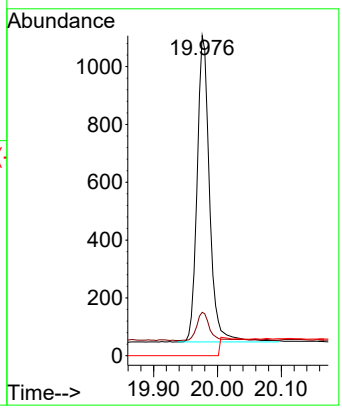


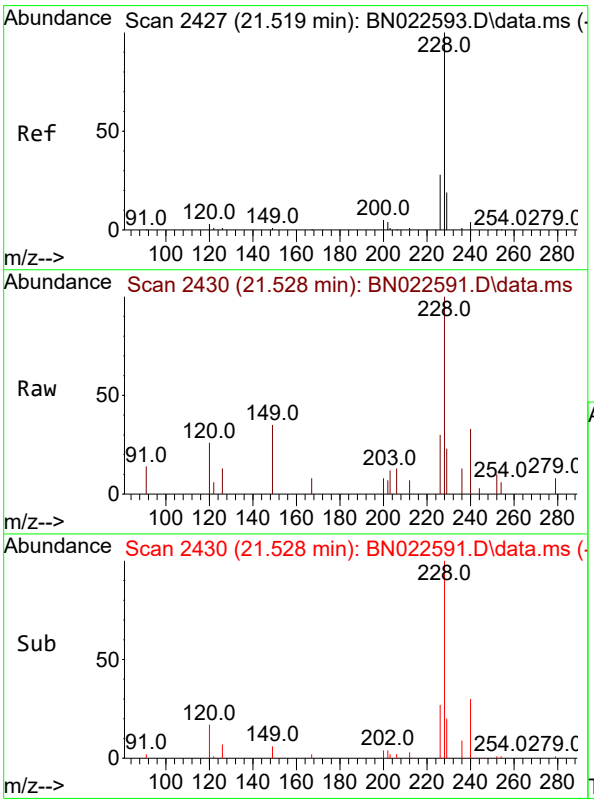
#31
Terphenyl-d14
Concen: 0.102 ng
RT: 19.976 min Scan# 2
Delta R.T. 0.004 min
Lab File: BN022591.D
Acq: 10 Nov 2022 08:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 2007

Ion	Ratio	Lower	Upper
244	100		
212	13.6	8.0	12.0#
122	0.0	0.0	0.0

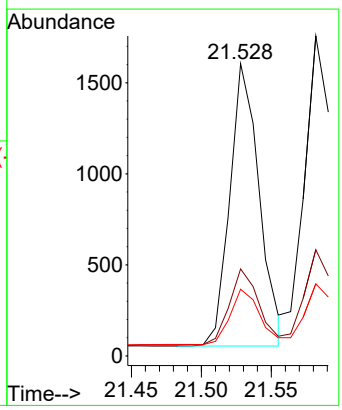


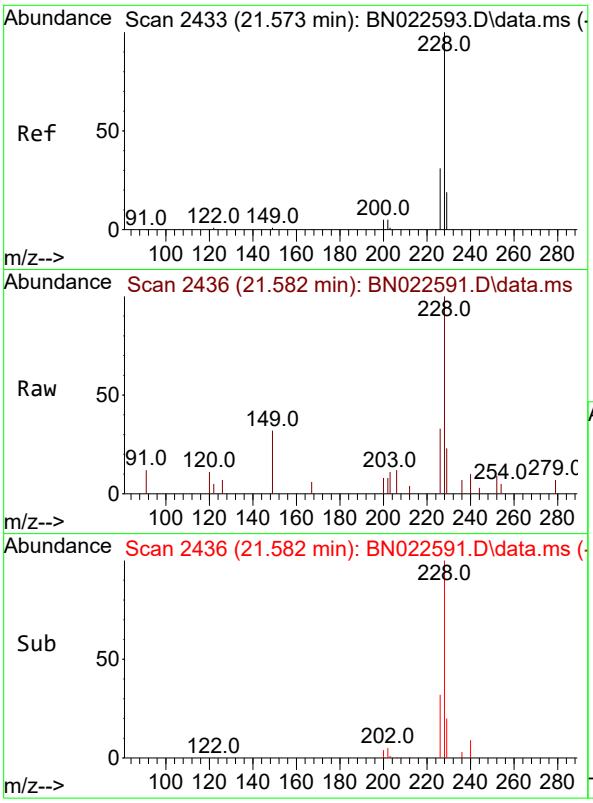


#32
Benzo(a)anthracene
Concen: 0.089 ng
RT: 21.528 min Scan# 2430
Delta R.T. 0.009 min
Lab File: BN022591.D
Acq: 10 Nov 2022 08:51

Tgt Ion:228 Resp: 2270

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.0	34.6
229	22.8	16.3	24.5



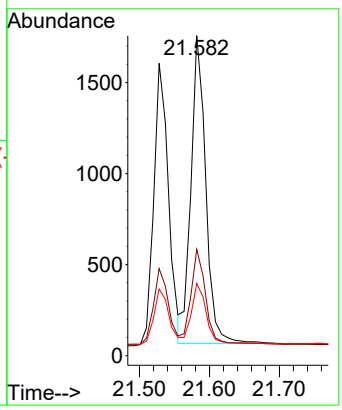


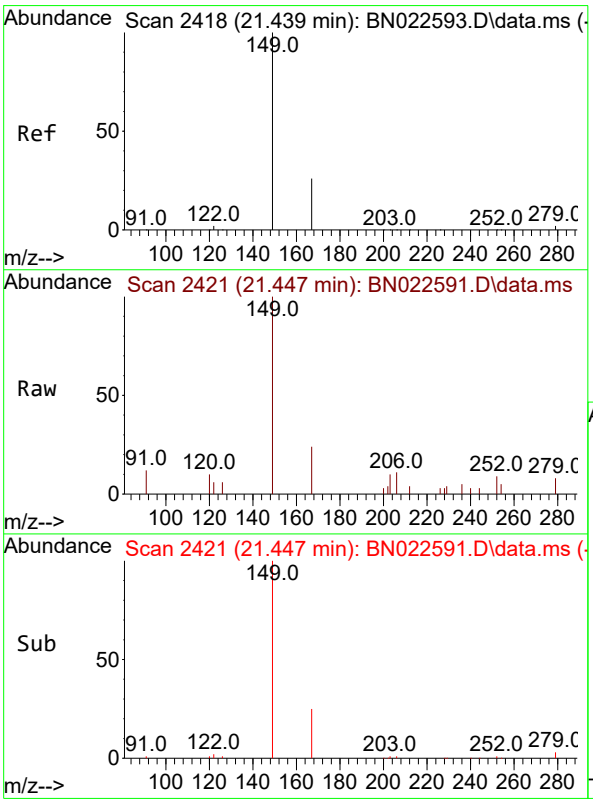
#33
Chrysene
Concen: 0.099 ng
RT: 21.582 min Scan# 24
Delta R.T. 0.009 min
Lab File: BN022591.D
Acq: 10 Nov 2022 08:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 2486

Ion	Ratio	Lower	Upper
228	100		
226	33.2	25.3	37.9
229	22.5	16.0	24.0

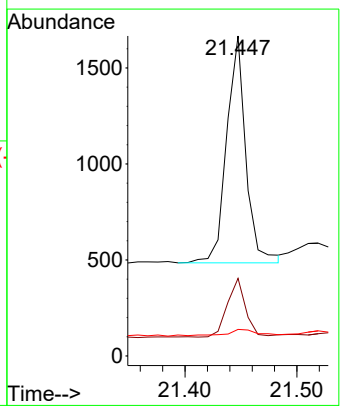


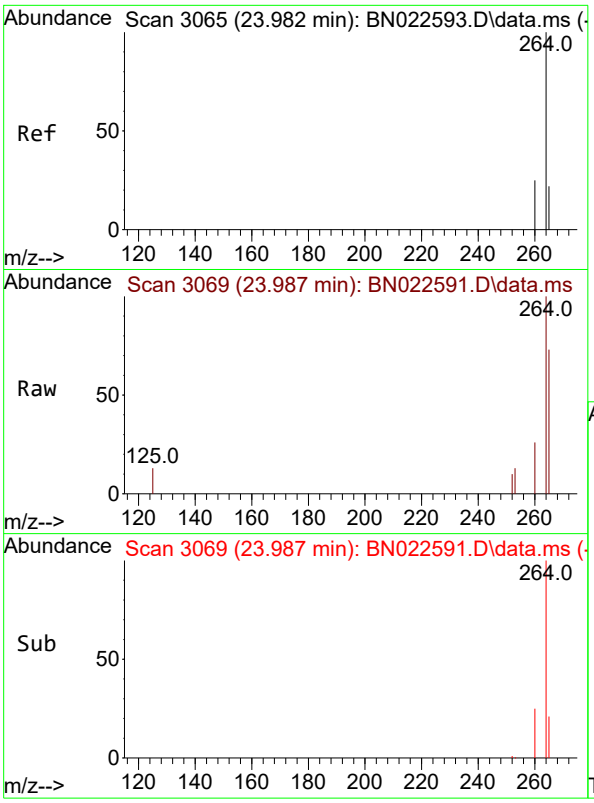


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.066 ng
RT: 21.447 min Scan# 2421
Delta R.T. 0.009 min
Lab File: BN022591.D
Acq: 10 Nov 2022 08:51

Tgt Ion:149 Resp: 1411

Ion	Ratio	Lower	Upper
149	100		
167	24.8	20.8	31.2
279	5.4	2.4	3.6#



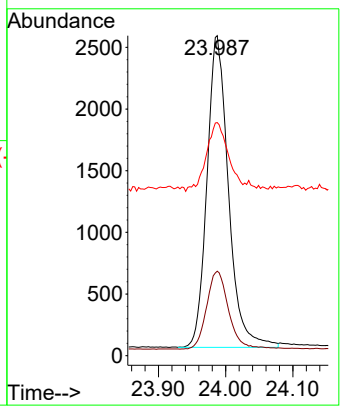


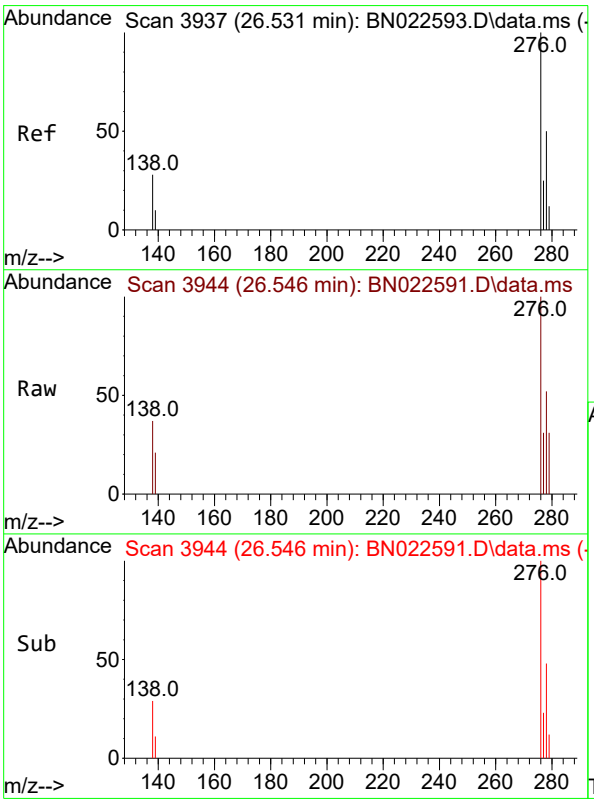
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.987 min Scan# 3
Delta R.T. 0.006 min
Lab File: BN022591.D
Acq: 10 Nov 2022 08:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:264 Resp: 5606

Ion	Ratio	Lower	Upper
264	100		
260	26.4	21.2	31.8
265	72.8	57.5	86.3

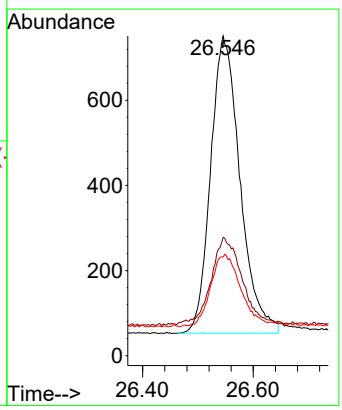


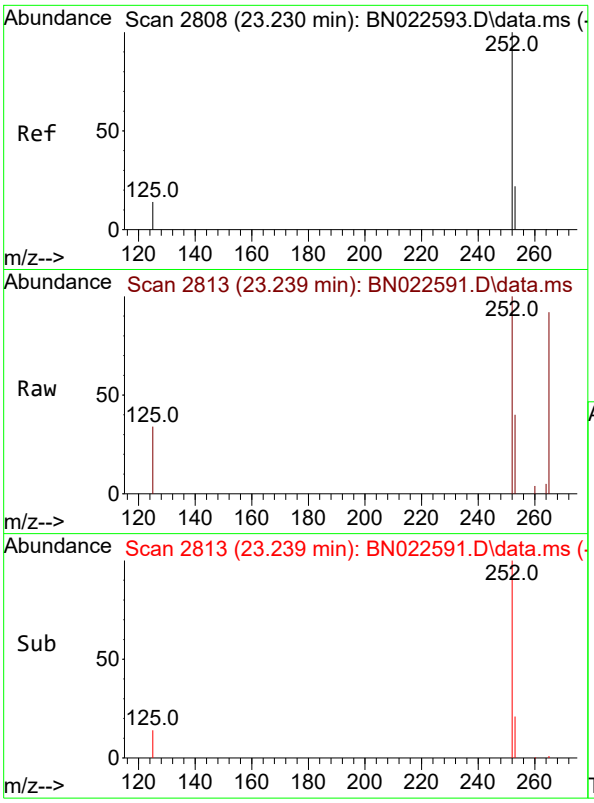


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.095 ng
RT: 26.546 min Scan# 3944
Delta R.T. 0.014 min
Lab File: BN022591.D
Acq: 10 Nov 2022 08:51

Tgt Ion:276 Resp: 2574

Ion	Ratio	Lower	Upper
276	100		
138	29.0	24.3	36.5
277	23.9	19.8	29.6



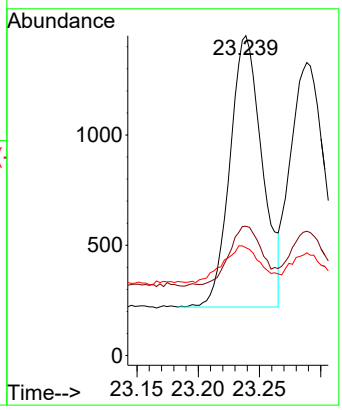


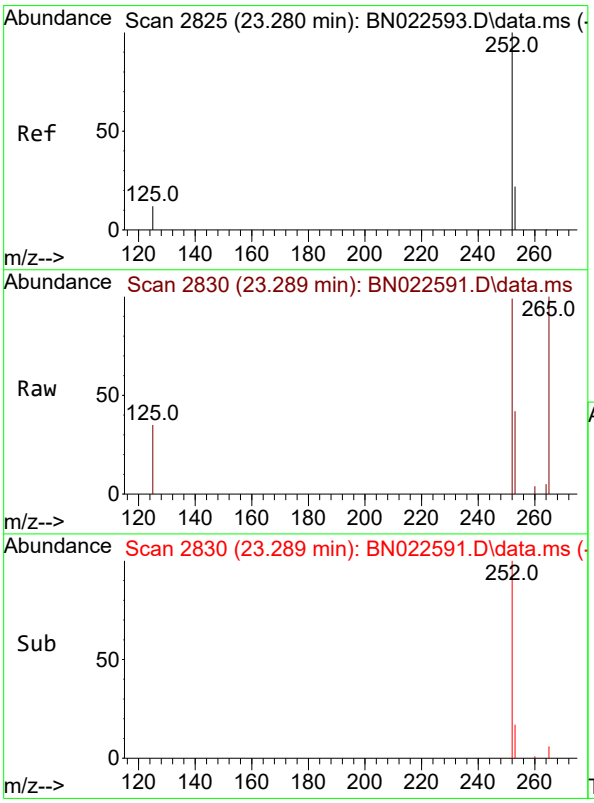
#37
Benzo(b)fluoranthene
Concen: 0.102 ng
RT: 23.239 min Scan# 2
Delta R.T. 0.008 min
Lab File: BN022591.D
Acq: 10 Nov 2022 08:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 2254

Ion	Ratio	Lower	Upper
252	100		
253	40.4	21.5	32.3#
125	33.7	15.5	23.3#

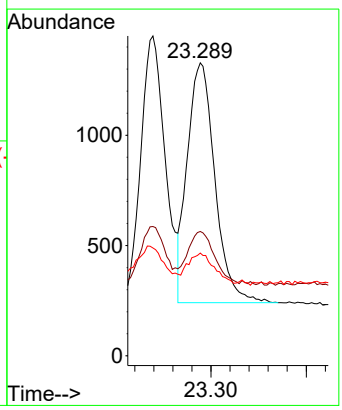


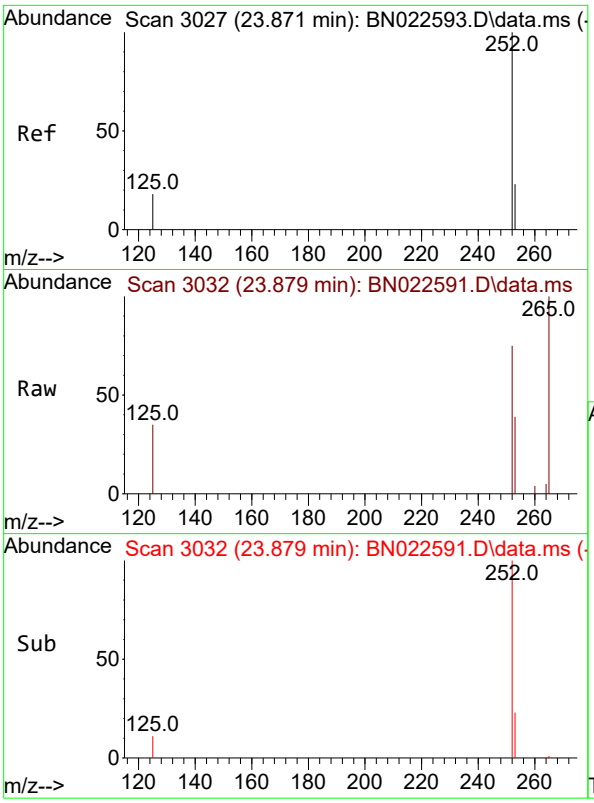


#38
Benzo(k)fluoranthene
Concen: 0.097 ng
RT: 23.289 min Scan# 2830
Delta R.T. 0.008 min
Lab File: BN022591.D
Acq: 10 Nov 2022 08:51

Tgt Ion:252 Resp: 2186

Ion	Ratio	Lower	Upper
252	100		
253	42.5	21.7	32.5#
125	35.1	14.5	21.7#



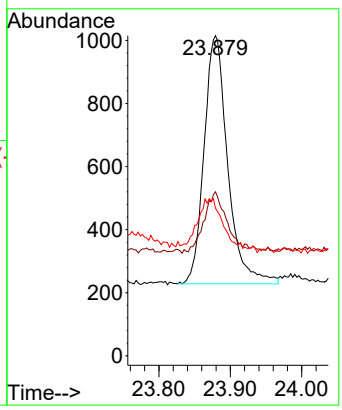


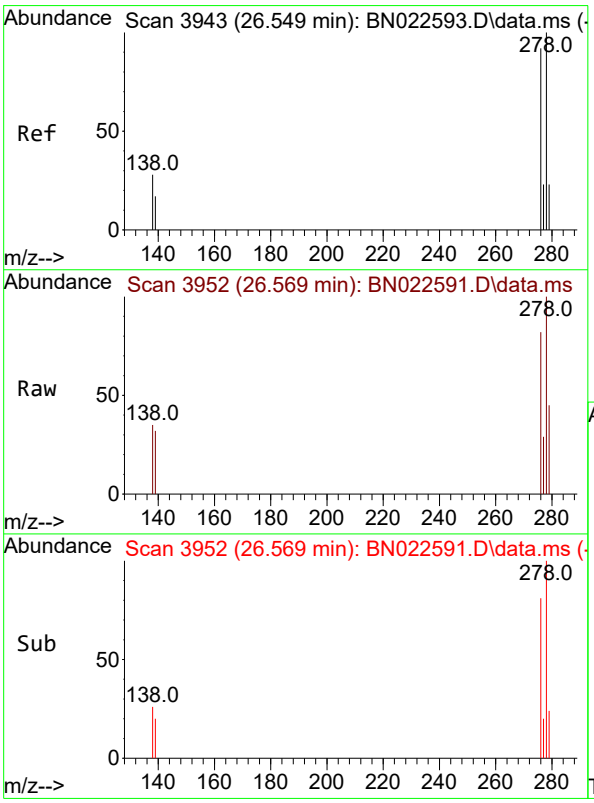
#39
Benzo(a)pyrene
Concen: 0.096 ng
RT: 23.879 min Scan# 3
Delta R.T. 0.008 min
Lab File: BN022591.D
Acq: 10 Nov 2022 08:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 1817

Ion	Ratio	Lower	Upper
252	100		
253	51.2	24.7	37.1#
125	46.1	21.3	31.9#

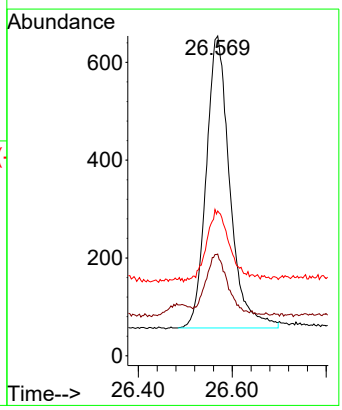


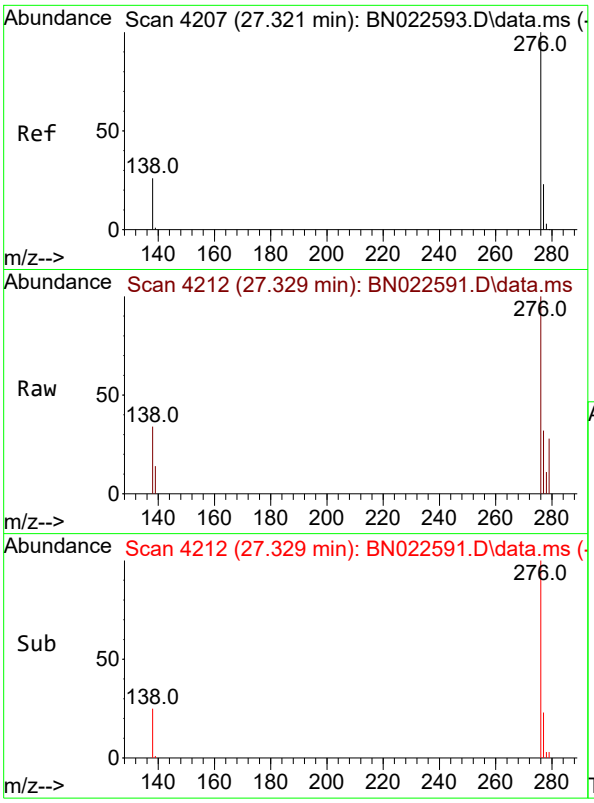


#40
Dibenzo(a,h)anthracene
Concen: 0.097 ng
RT: 26.569 min Scan# 3952
Delta R.T. 0.020 min
Lab File: BN022591.D
Acq: 10 Nov 2022 08:51

Tgt Ion:278 Resp: 2081

Ion	Ratio	Lower	Upper
278	100		
139	31.8	19.1	28.7#
279	45.3	23.7	35.5#





#41
Benzo(g,h,i)perylene
Concen: 0.100 ng
RT: 27.329 min Scan# 4
Delta R.T. 0.008 min
Lab File: BN022591.D
Acq: 10 Nov 2022 08:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 2281

Ion	Ratio	Lower	Upper
276	100		
277	32.2	20.6	31.0#
138	34.0	23.0	34.4